

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
49167 C1

JC846 U.S. PTO
09/24/366
08/07/01

In Re Application Of: **J. Skouv**

Serial No.
not yet assigned

Filing Date
Herewith

Examiner
not yet assigned

Group Art Unit
not yet assigned

Title: **ONE STEP SAMPLE PREPARATION AND DETECTION OF NUCLEIC ACIDS IN COMPLEX BIOLOGICAL SAMPLES**

Address to:
Assistant Commissioner for Patents
Washington, D.C. 20231

37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application; within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first Office Action on the merits, whichever event occurs last.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after three months of the filing of a national application, or the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or after the mailing date of a first Office Action on the merits, whichever occurred last but before the mailing date of either:

1. a Final Action under 37 CFR 1.113, or
 2. a Notice of Allowance under 37 CFR 1.311,
- whichever occurs first.

Also submitted herewith is:

- ☐ a certification as specified in 37 CFR 1.97(e);

OR

- ☐ the fee set forth in 37 CFR 1.17(p) for submission of an Information Disclosure Statement under 37 CFR 1.97(c).

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Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 04-1105 as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of _____
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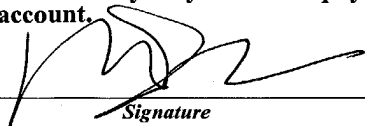
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Signature

Dated: August 7, 2001

Peter F. Corless (Reg. No. 33,860)
EDWARDS & ANGELL, LLP
P.O. Box 9169
Boston, MA 02209

CC:

FORM PTO-1449			DOCKET NO.: 49167 C1		SERIAL NO.: not yet assigned		
INFORMATION DISCLOSURE STATEMENT			APPLICANT(S): J. Skouv		FILING DATE: Herewith		
			GROUP NO.: not yet assigned		JC846 U.S. PTO 09/924366 08/07/01		
UNITED STATES PATENT DOCUMENTS							
EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,077,673	6/2000	Zhang et al.	435	6	
	AB	5,942,392	6/2000	Zhang et al.	435	6	
	AC	5,821,060	10/13/98	Arlinghaus et al.	435	6	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
	BA	EP 0538194 B1	04/21099	EPO			Yes
	BB	WO98/39352	09/11/98	WIPO			Yes
	BC	WO98/22489	05/28/98	WIPO			Yes
	BD	WO99/14226	03/25/99	WIPO			Yes
	BE	WO 92/20703	11/26/92	PCT			Yes
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
	CA	Tarkoy et al., <i>Helv. Chim. Acta</i> , 76:481 (1993).					
	CB	Tarkoy et al., <i>Angew. Chem., Int. Ed. Engl.</i> , 32:1432 (1993).					
	CC	Egli et al., <i>J. Am. Chem. Soc.</i> , 115:5855 (1993).					
	CD	Tarkoy et al., <i>Helv. Chim. Acta</i> , 77:716 (1994).					
	CE	Bolli et al., <i>Angew. Chem., Int. Ed. Engl.</i> , 34:694 (1995).					
	CF	Bolli et al., <i>Helv. Chim. Acta</i> , 78:2077 (1995).					
	CG	Litten et al., <i>Bioorg. Med. Chem. Lett.</i> , 5:1231 (1995).					
	CH	Litten et al., <i>Helv. Chim. Acta</i> , 79:1129 (1996).					
	CI	Bolli et al., <i>Chem. Biol.</i> , 3:197 (1996).					
	CJ	Bolli et al., <i>Nucleic Acids. Res.</i> , 24:4660 (1996).					
	CK	K.H. Altmann et al., <i>Tetrahedron Lett.</i> , 35::2331 (1994).					
	CL	K. H. Altmann et al., <i>Tetrahedron Lett.</i> , 35:7625 (1994).					

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OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)			
	CM	Marquez et al., <i>J. Med. Chem.</i> , 39:3739 (1996).	
	CN	Ezzitouni et al., <i>J. Chem. Soc., Perkin Trans.</i> , 1:1073 (1997).	
	CO	Jones et al., <i>J. Am. Chem. Soc.</i> , 115:9816 (1993).	
	CP	Wang et al., <i>Bioorg. Med. Chem. Lett.</i> , 7: 229 (1997).	
	CQ	Yannopoulos et al., <i>Synlett</i> , 378 (1997).	
	CR	CHIMA, 36 th IUPAC Congress, organized by the Swiss Chemical Society. Poster No. SB-B4: Steffens, R. and Leumann Ch. Tricyclo-DNA: synthesis, enzymatic stability, and pairing properties.	
	CS	Nielsen, Master Thesis (Odense University, Denmark), page 67-71 (1995).	
	CT	Youssefyeh et al., <i>J. Org. Chem.</i> , 44:1301 (1979).	
	CW	Jones et al., <i>J. Org. Chem.</i> , 44:1309 (1979).	
	CX	Yang et al., <i>Tetrahedron Lett.</i> , 33:37 (1992).	
	CY	Thrane et al., <i>Tetrahedron</i> , 51:10389 (1995).	
	CZ	Nielsen et al., <i>Bioorg. Med. Chem.</i> , 3:1493 (1995).	
	CAA	Freier et al., <i>Nucleic Acid Research</i> , 25:4429-4443 (1997).	
	CBA	Haly et al., <i>SYNLETT</i> , 687-689 (1996).	
	CCA	Zou et al., <i>Tetrahedron Lett.</i> , 37:941-944 (1996).	
	CDA	Herdewijn., <i>Liebigs Ann.</i> , 1337-1348 (1996).	
	CEA	Obika et al., <i>Tetrahedron Lett.</i> , 39:5401-5404 (1998).	
	CFA	Obika et al., <i>Tetrahedron Lett.</i> , 38:8735-8738 (1997).	
	CGA	7 th Antisense Symposium, November 21-22, 1997. Poster No. 32 and 33: Obika, D.N.; Morio, K. and Imanishi, T. Synthesis and properties of oligonucleotides containing novel bicyclic nucleosides with a fixed N-form sugar puckering.	
	CHA	CHIMA, 36 th IUPAC Congress, organized by the Swiss Chemical Society. Poster No. SB-B12: Egtger, A. and Leumann Ch. Designe, synthesis and properties of bicyclo [3.2.1]-amio nucleic acids.	
	CIA	CHIMA, 36 th IUPAC Congress, organized by the Swiss Chemical Society. Poster No. SB-B5: Epple, C. Ch., Pompizi, I. and Leumann Ch. Bicyclo [3.2.1]-DNA: an oligonucleotide analogue with a conformationally preorganized Phosphodiester backbone and a flexible sugar-base linkage.	
	CJA	06-10 September 1998: 13 th International Round Table – Nucleoside, Nucleotides and their Biological Applications, Montpellier: Oral Communication 1: Wang, G. and Gunic, E. "Conformationally Locked Nucleoside Analogs. Synthesis of 2'-Deoxy-2'-C, 4'-C-Bridged Bicyclic Nucleoside".	
	CKA	06-10 September 1998: 13 th International Round Table – Nucleoside, Nucleotides and their Biological Applications, Montpellier: Poster No. 288: Meldgaard, M. et al., "LNA (Locked Nucleic Acids): Synthesis and Thermal Denaturation Studies".	
	CLA	06-10 September 1998: 13 th International Round Table – Nucleoside, Nucleotides and their Biological Applications, Montpellier: Poster No. 287 and Proceeding: Koshkin, A. A. et al., "Locked Nucleic Acids as synthetic RNA Mimics for Effective Complementary Recognition."	

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OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)			
	CMA	06-10 September 1998: 13 th International Round Table – Nucleoside, Nucleotides and their Biological Applications, Montpeillier: Poster No. 67: Nielsen, P. and Wengel, J. "A New Convergent Synthetic Approach Towards α - and β -LNA (Locked Nucleic Acids)".	
	CNA	8 October 1998: Antisense 98, Targeting the Molecular Basis of Disease: Poster No. 24: Havsteen, M. et al., "LNA (Locked Nucleic Acids): A new Class of High Affinity Nucleic Acids With Prime Potential as Antisense and Antigene Agents".	
	COA	21 January 1998: National Seminar on Perspectives in Interfacial Areas of Chemistry and Biology, Delhi University: Wengel, J. "LNA (Locked Nucleic Acids): Synthesis and High Affinity Nucleic Acid Recognition – Stop the Twisting."	
	CPA	27 Marts 1998: Workshop of Young European Bioorganic Chemists, Munchen: Wengel, J. "LNA (Locked Nucleic Acids): Synthesis and High Affinity Nucleic Acid Recognition – Stop the Twisting."	
	CQA	20 August 1998: Årsmødet for Center for Medicinsk Biotechnologi, KVL: Wengel, J. "LNA (Locked Nucleic Acids)"ations, Montpeillier: Oral Communication 1: Wang, G. and Gunic, E. "Conformationally Locked Nucleoside Analogs. Synthesis of 2'-Deoxy-2'-C, 4'-C-Bridged Bicyclic Nucleoside".	
	CRA	07 September 1998: 13 th International Round Table – Nucleoside, Nucleotides and their Biological Applications, Montpeillier: Oral Communication 2: Wengel, J. "LNA (locked Nucleic Acids)".	
	CSA	08 September 1998: Meeting in Lund, Sweden: Jakobsen, M. H. "LNA (Locked Nucleic Acids): A new Class of High Affinity Nucleic Acids With Prime Potential as Antisense and Antigene Agents".	
	CTA	Nielsen et al., <i>J. Chem. Soc., Perkin Trans.</i> , 1:3423-3433 (1997).	
	CUA	Nielsen et al., <i>Chem. Commun.</i> , 9:825-826 (1997).	
	CVA	Singh et al., <i>Chem. Commun.</i> , 455-456 (1998).	
	CWA	Koshkin et al., <i>Tetrahedron</i> , 54:3607-3630 (1998).	
	CXA	Koshkin et al., <i>Tetrahedron Lett.</i> , 39:4381-8384 (1998).	
	CYA	Singh et al., <i>Chem. Commun.</i> , 1237-1248 (1998).	
	CZA	Singh et al., <i>J. Org. Chem.</i> , 63:6078-6079 (1998).	
	CAB	Christensen et al., <i>J. Am. Chem. Soc.</i> , 120:5458-5463 (1998).	
	CAC	Koshkin et al., <i>J. Org. Chem.</i> , 63:2778-2781 (1998).	
	CAD	Kumar et al., <i>Bioorg. Med. Chem. Lett.</i> , 8:2219-2222 (1998).	
	CAE	Wengel et al., <i>Acc. Chem. Res.</i> , 32:301-310 (1999).	
	CAF	Koshkin et al., <i>J. Am. Chem. Soc.</i> , 120:13252-13253 (1998).	
	CAG	Singh et al., <i>J. Org. Chem.</i> , 10035-10039 (1998).	
	CAH	Nielsen et al., <i>Chem. Commun.</i> , 2645-2646 (1998).	
	CAI	Wengel et al., <i>Nucleosides Nucleotides</i> , 18:1365-1370 (1999).	
	CAJ	Nielsen et al., <i>Nucleosides Nucleotides</i> , 18:701-702 (1999).	
	CAK	Kærno et al., <i>Chem. Commun.</i> , 657-658 (1999).	

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	CAL	Rajwanshi et al., <i>J. Chem. Soc., Perkin Trans.</i> , 1:1407-1414 (1999).	
	CAM	Raunkjær et al., <i>J. Chem. Soc., Perkin Trans.</i> , 1:2543-2551 (1999).	
	CAN	Rajwanshi et al., <i>Chem. Commun.</i> , 1395-1396 (1999).	
	CAO	Pfundheller et al., <i>Nucleosides Nucleotides</i> , 18:2017-2030 (1999).	
	CAP	Rajwanshi et al., <i>Chem. Commun.</i> , 2073-2074 (1999).	
	CAQ	Nielsen et al., <i>J. Biomol. Struct. Dyn.</i> , 17:175-191 (1999).	
	CAR	Nielsen et al., <i>Bioconjugate Chem.</i> , 11:228-238 (2000).	
	CAS	Rajwanshi et al., <i>Angewandte Chemie</i> , 39:1656-1659 (2000).	
	CAT	Minasov et al., <i>Biochemistry</i> , 39:3525 (2000).	
	CAU	Wahlestedt et al., <i>Proc. Natl. Acad. Sci. USA</i> , 97:5633-5638 (2000).	
	CAV	Obika et al., <i>Tetrahedron Lett.</i> , 40:6465-6468 (1999).	
	CAW	Obika et al., <i>Tetrahedron Lett.</i> , 41:215-219 (1999).	
	CAX	Obika et al., <i>J. Chem. Soc., Chem. Commun.</i> , 2423-2424 (1999).	
	CAY	Wang et al., <i>Bioorg. Med. Chem. Lett.</i> , 9:1147-1150 (1999).	
	CAZ	Obika et al., <i>Tetrahedron Lett.</i> , 41:221-224 (1999).	
	CBB	Obika et al., <i>Bioorg. Med. Chem. Lett.</i> , 9:515-518 (1999).	
	CBC	Obika et al., <i>Tetrahedron Lett.</i> , 39:5401-5405 (1998).	
	CBD	Imanishi et al., <i>J. Synth. Org. Chem.</i> , 57:959-980 (1999).	
	CBE	Chemical Abstracts, Vol. 70, No. 1, Abstract No. 3737B (1969).	
	CBF	<i>Monatsch. Chem.</i> , 99(5):2111-2120 (1968).	
Examiner:		Date:	